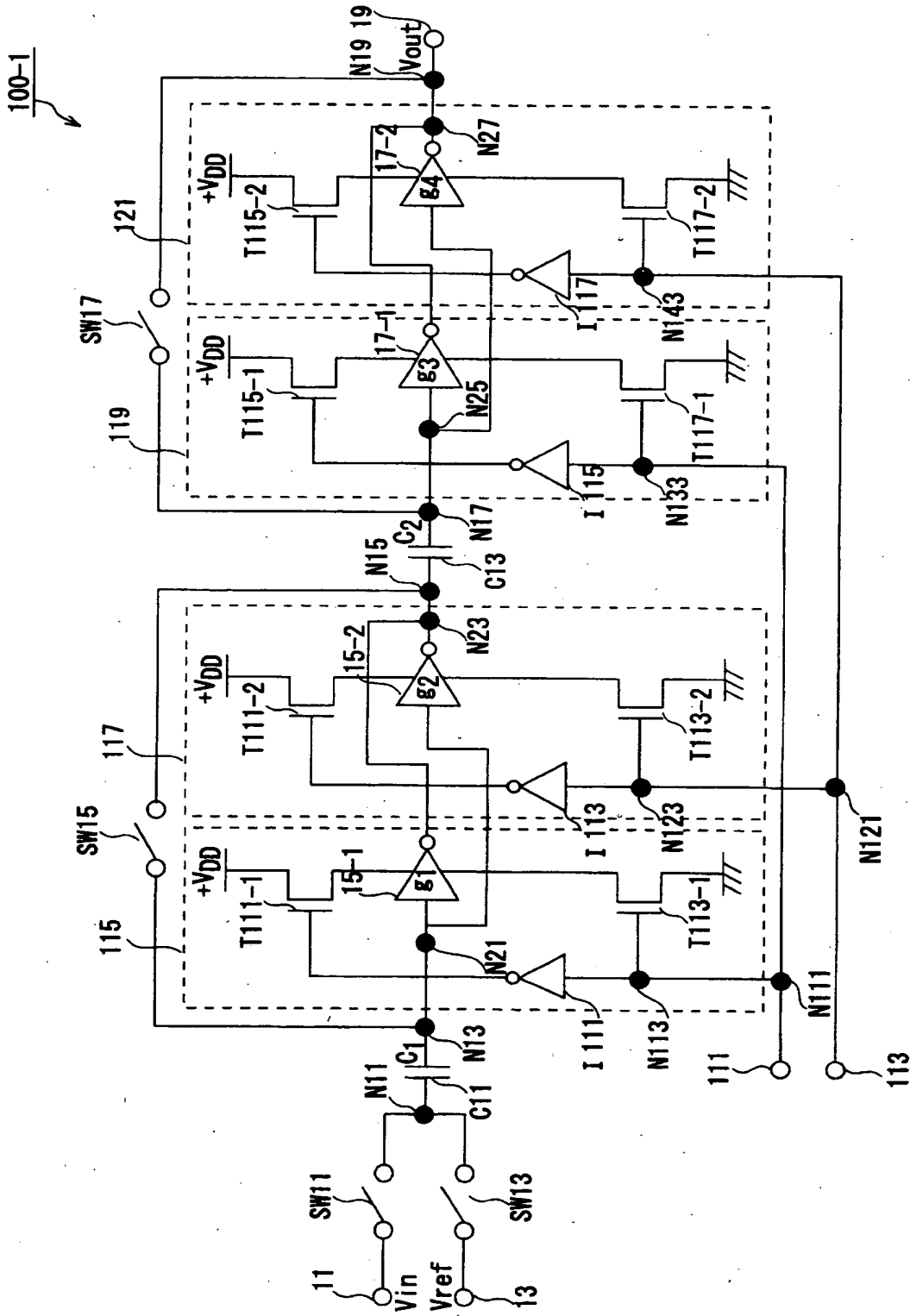
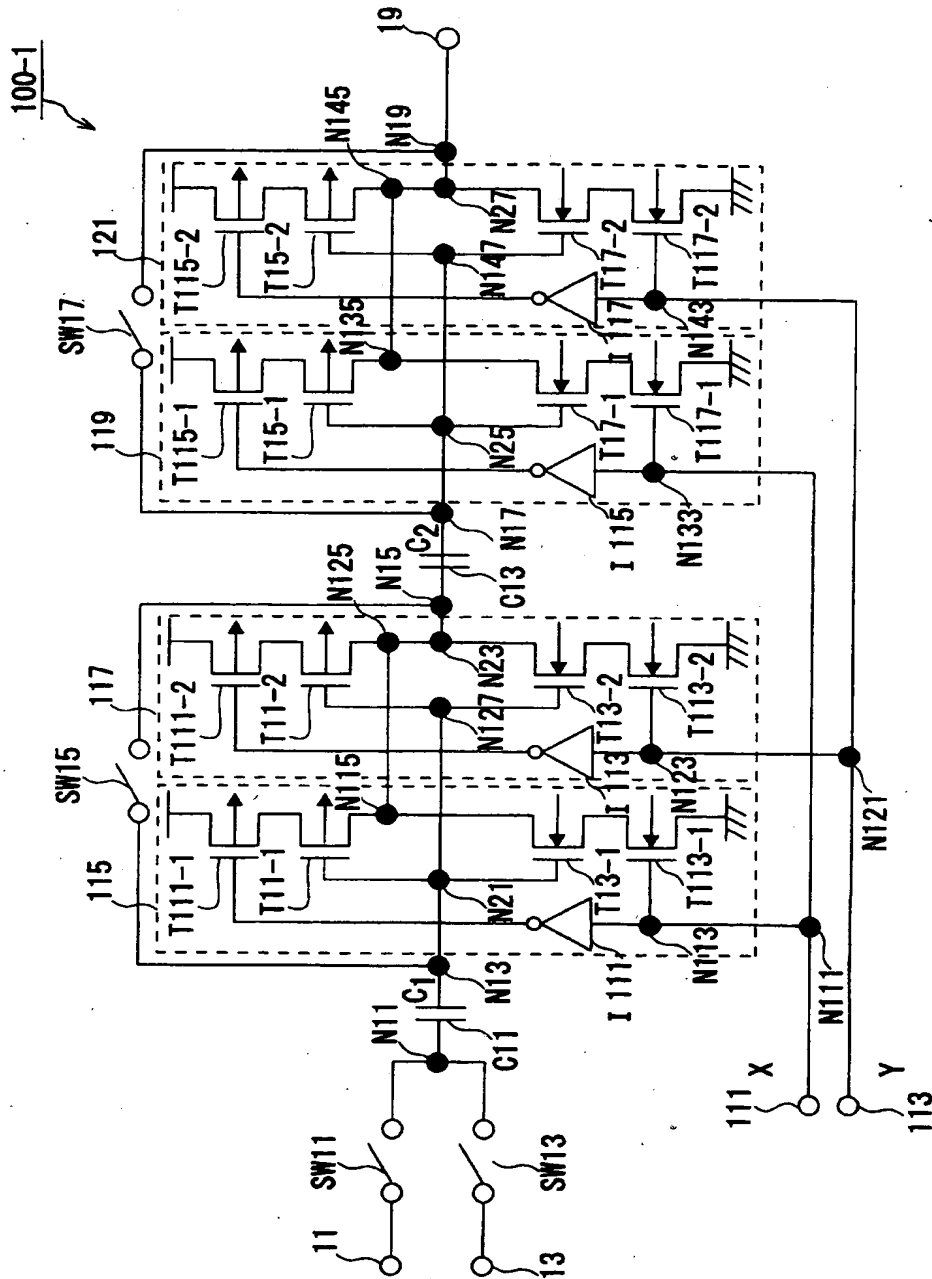


FIG. 1-1



CIRCUIT DIAGRAM SHOWING A CONFIGURATION
 OF A CHOPPER COMPARATOR CIRCUIT
 ACCORDING TO A FIRST EMBODIMENT

FIG. 1-2



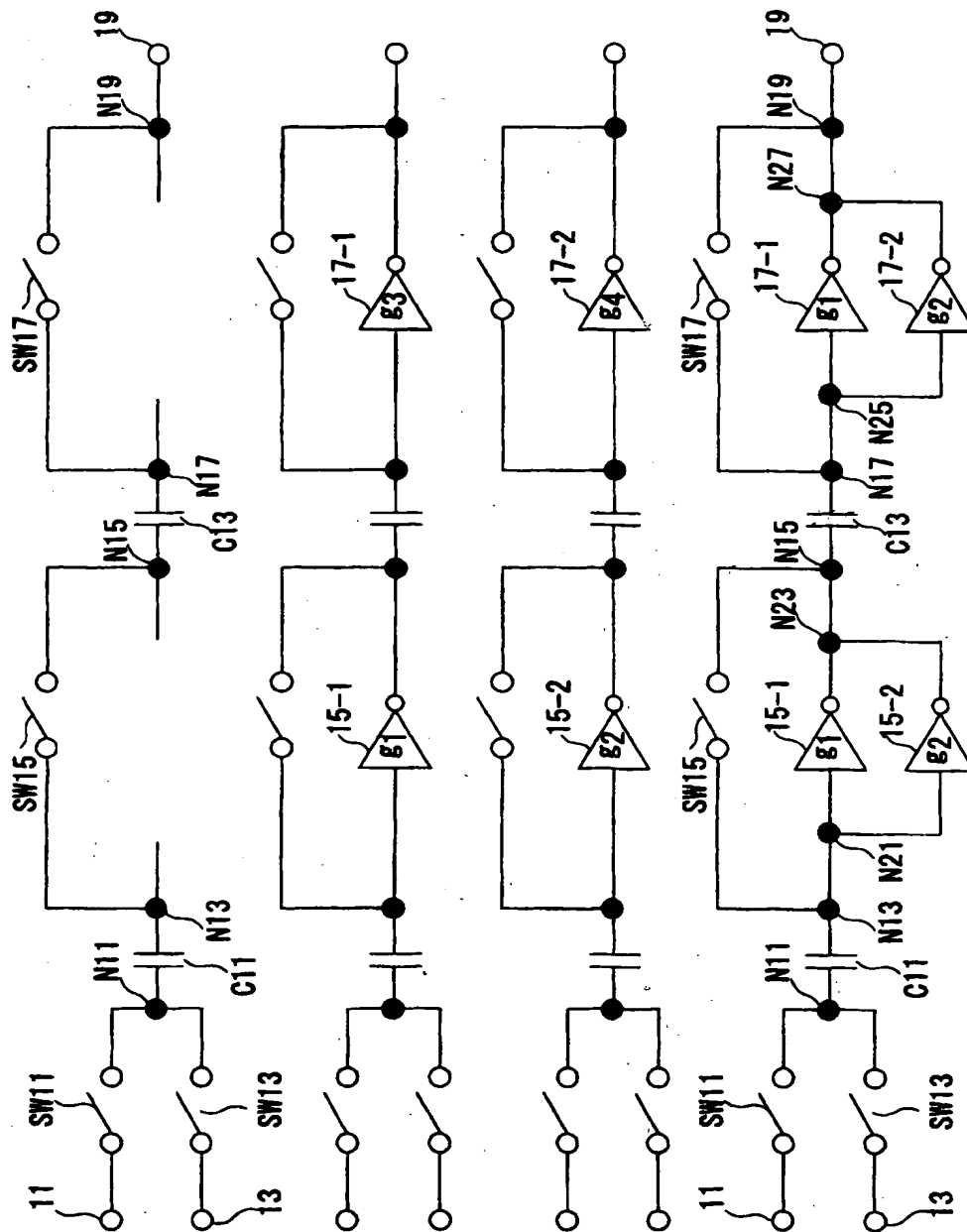


FIG. 1-3(A)

FIG. 1-3(B)

FIG. 1-3(C)

FIG. 1-3(D)

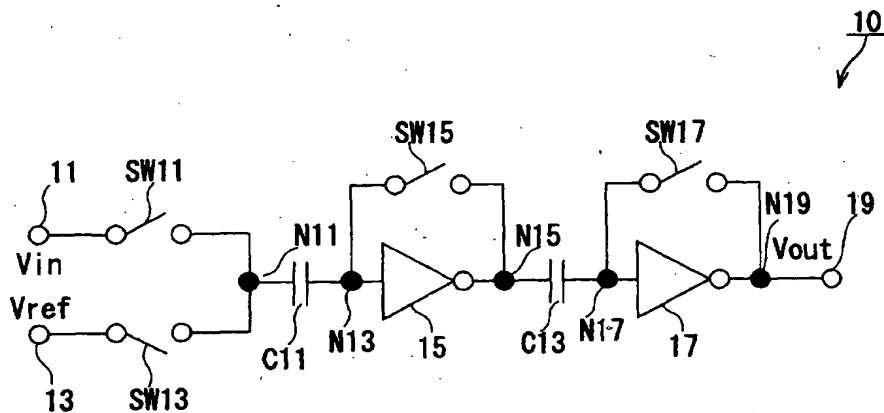
OPERATIONAL DIAGRAM SHOWING THE OPERATION
 OF THE CHOPPER COMPARATOR CIRCUIT
 ACCORDING TO THE FIRST EMBODIMENT

FIG. 1-4

Input terminal 11(X), Input terminal 13(Y)	Gain ratio
0, 0	Power down
0, 1	1
1, 0	2
1, 1	3

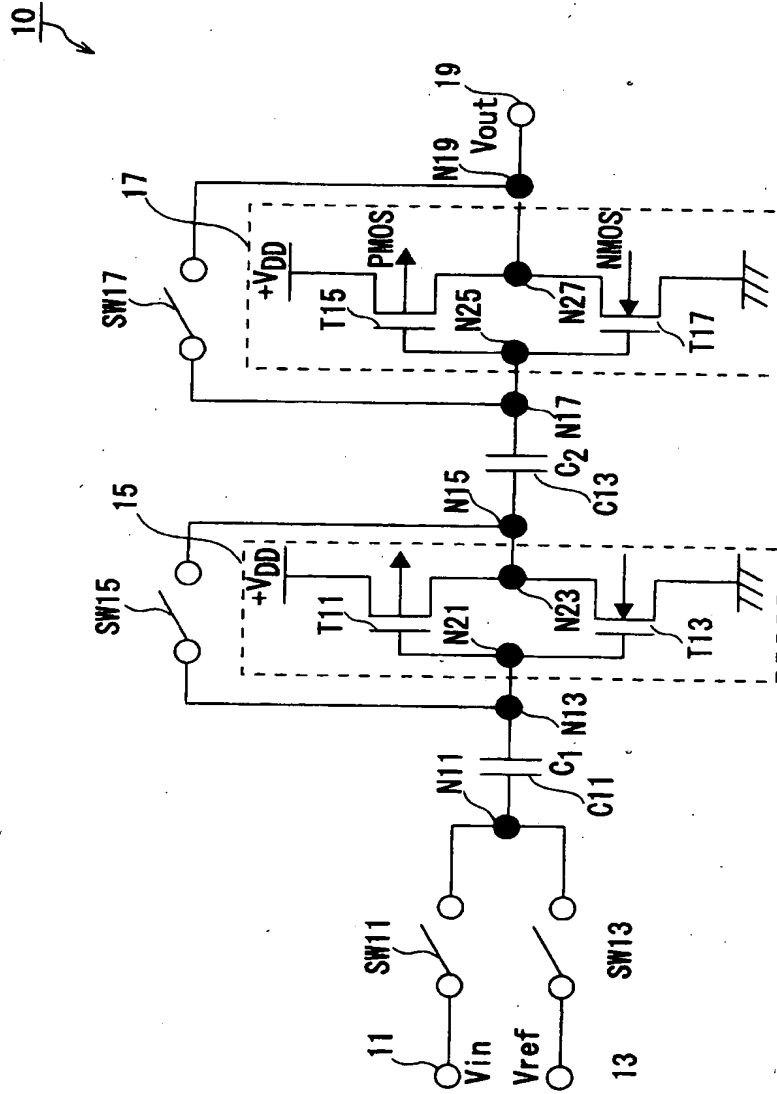
TABLE INDICATING THE OPERATION
 OF THE CHOPPER COMPARATOR CIRCUIT
 ACCORDING TO THE FIRST EMBODIMENT

FIG. 2-1(PRIOR ART)



CIRCUIT DIAGRAM SHOWING A CONFIGURATION
 OF A CONVENTIONAL CHOPPER COMPARATOR CIRCUIT

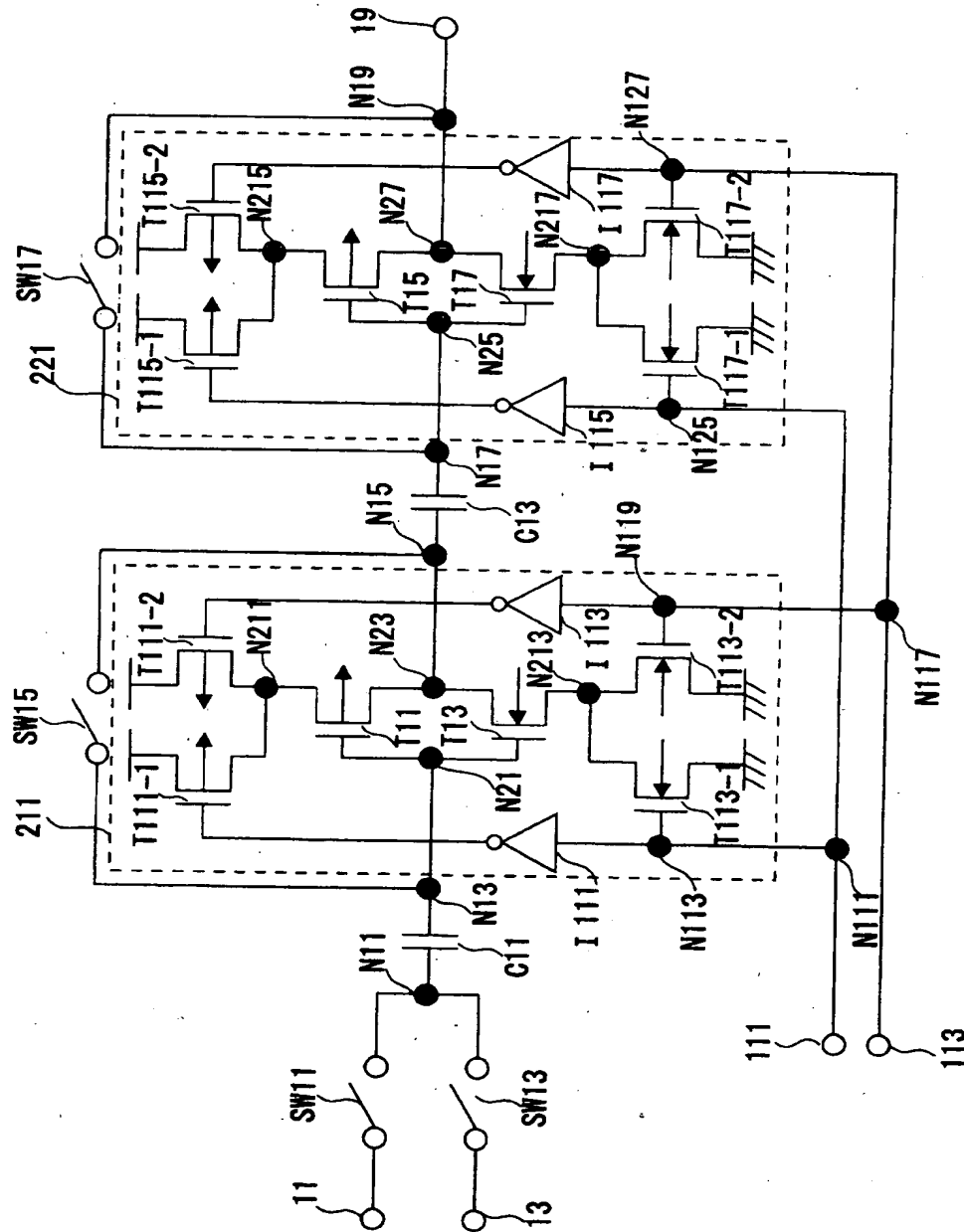
FIG. 2-2(PRIOR ART)



CIRCUIT DIAGRAM SHOWING ANOTHER CONFIGURATION
 OF THE CONVENTIONAL CHOPPER COMPARATOR CIRCUIT

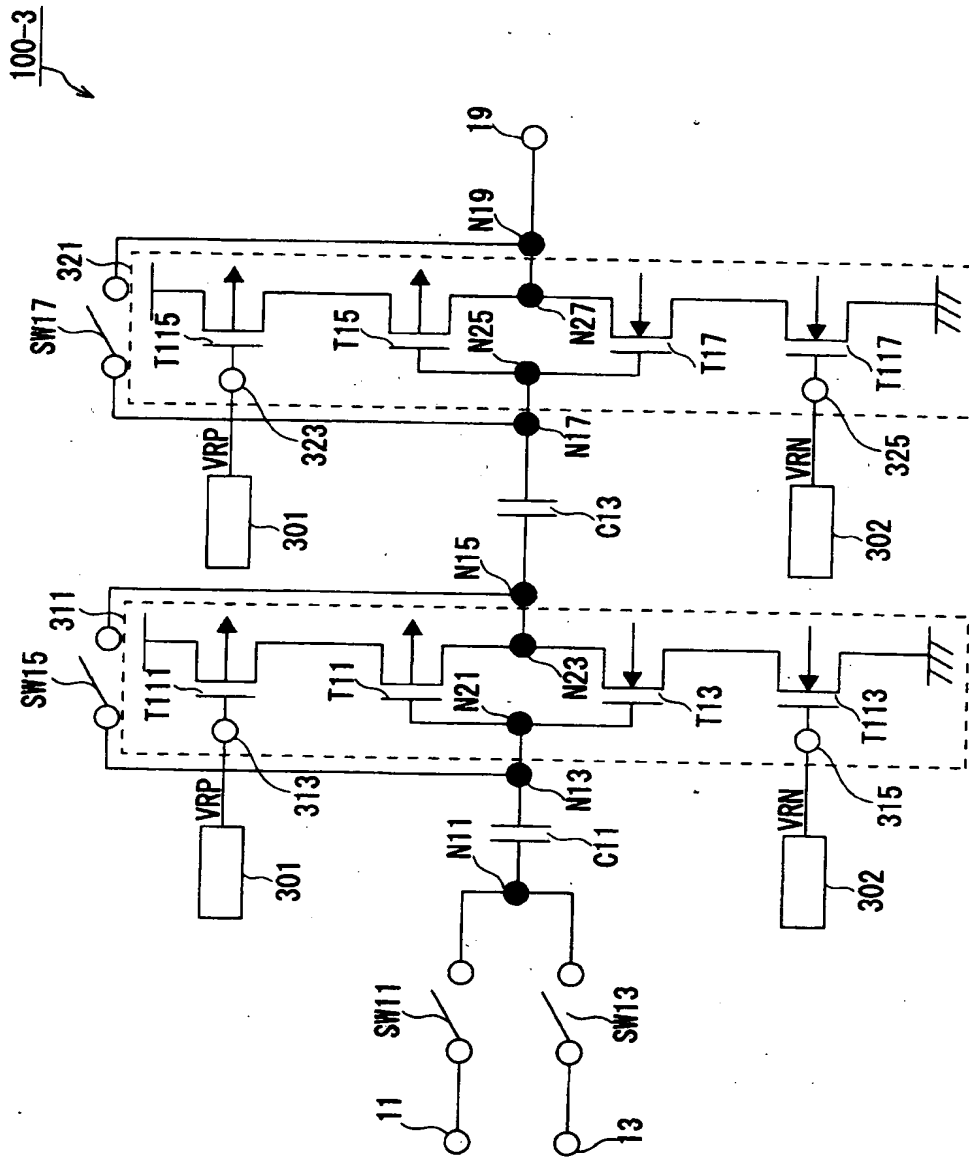
FIG. 3

100-2



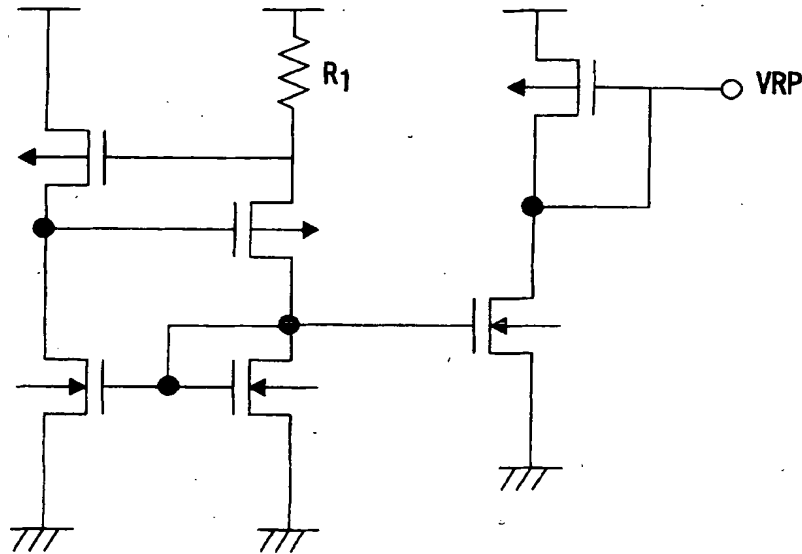
CIRCUIT DIAGRAM SHOWING A CONFIGURATION
 OF A CHOPPER COMPARATOR CIRCUIT
 ACCORDING TO A SECOND EMBODIMENT

FIG. 4-1



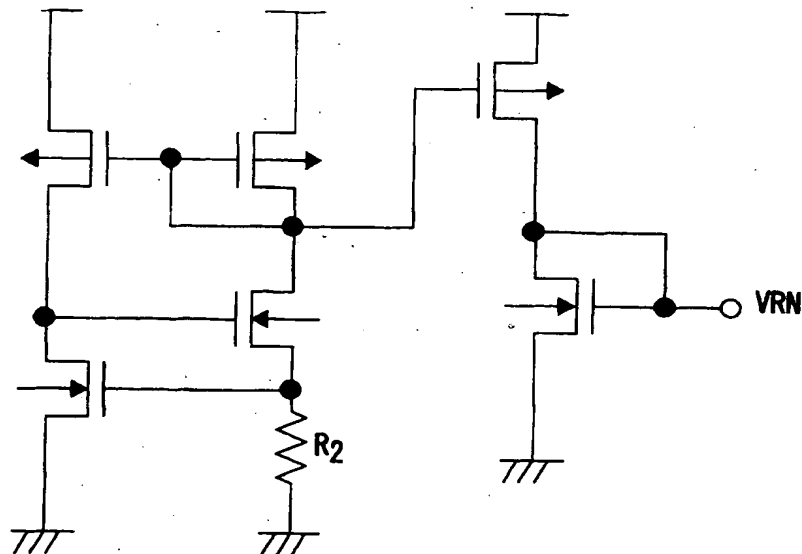
CIRCUIT DIAGRAM SHOWING A CONFIGURATION OF A CHOPPER COMPARATOR CIRCUIT ACCORDING TO A THIRD EMBODIMENT

FIG. 4-2



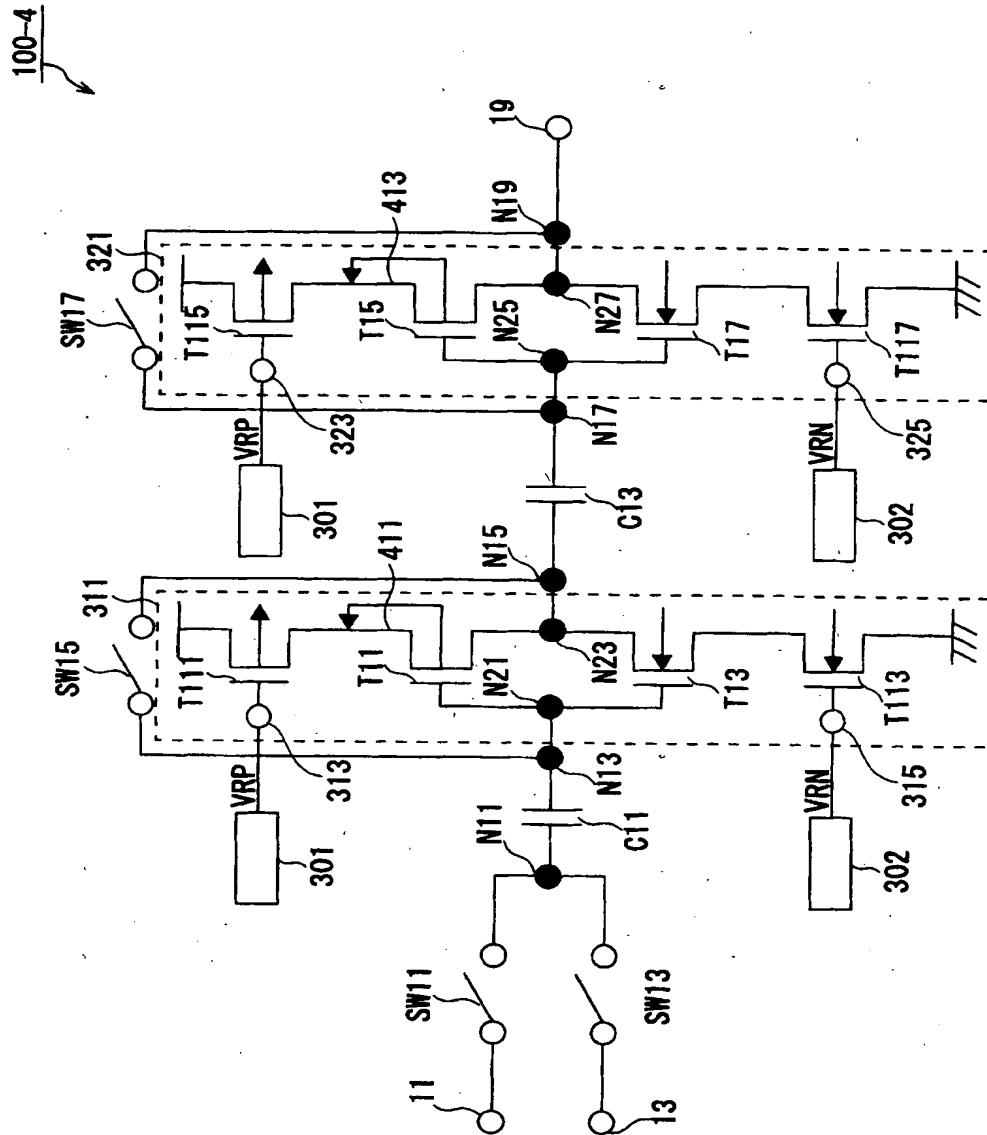
CIRCUIT DIAGRAM SHOWING A CONFIGURATION
OF A REFERENCE VOLTAGE CIRCUIT

FIG. 4-3



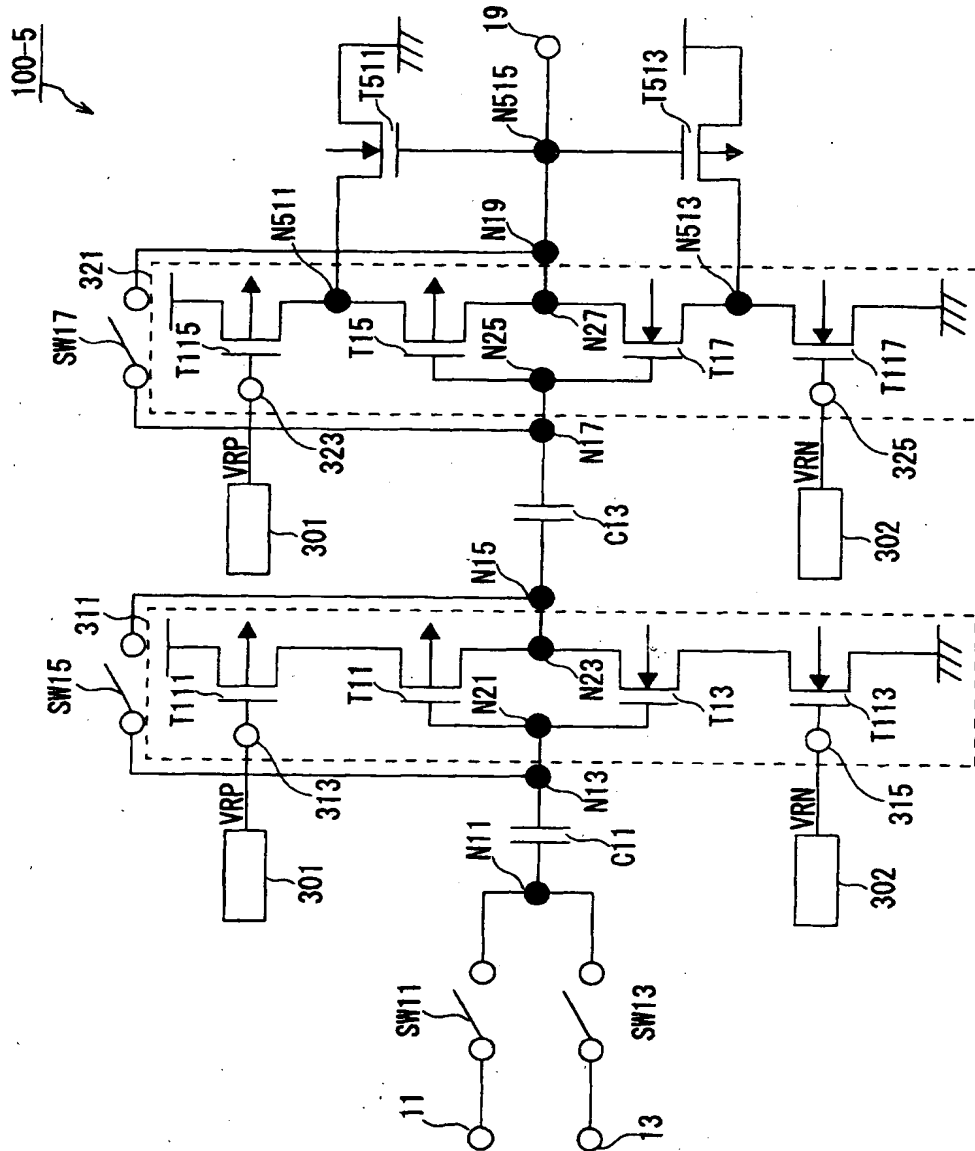
CIRCUIT DIAGRAM SHOWING A CONFIGURATION OF ANOTHER REFERENCE VOLTAGE CIRCUIT

FIG. 5



CIRCUIT DIAGRAM SHOWING A CONFIGURATION OF A CHOPPER COMPARATOR CIRCUIT ACCORDING TO A FOURTH EMBODIMENT

Fig. 6



CIRCUIT DIAGRAM SHOWING A CONFIGURATION OF A CHOPPER COMPARATOR CIRCUIT ACCORDING TO A FIFTH EMBODIMENT